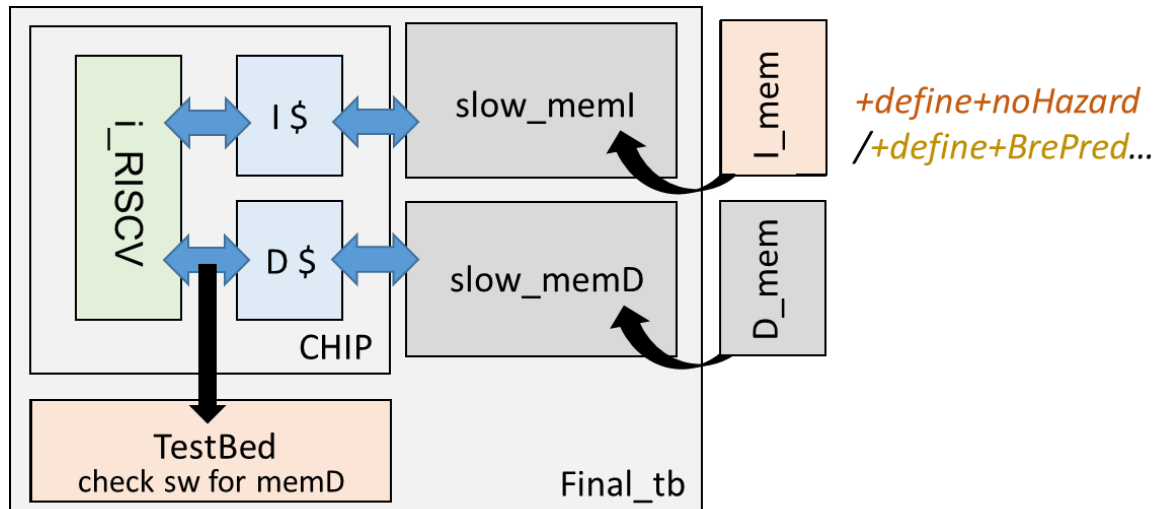


Supplement for DSD Final Project 2020

about module hierarchy



about different condition (I_mem, TestBed)

Baseline:

1. No Hazard (`+define+noHazard`)
 - ✓ insert bubble instruction (NOP) to prevent hazard condition
2. Hazard handling (`+define+hasHazard`)
 - ✓ Fibonacci

Extension:

1. Branch prediction (`+define+BrPred`)
 - ✓ a,b,c parameter
 - a: always not branch
 - b: branch / not branch / branch...
 - c: always branch
 - ✓ discuss the mechanism of branch prediction with different parameter
2. Compression (`+define+compression`)
 - ✓ multiplication with assembly